Sierra Nevada Conservancy Grant Program
Safe Drinking Water, Water Quality and Supply, Flood Control,
River and Coastal Protection Act of 2006 (Proposition 84)

Subregion: **REGIONWIDE** **County: ALL**

Applicant: **GREENINFO NETWORK**

Project Title: **WATERSHEDS AND PROTECTED LANDS FOR THE SIERRA NEVADA**

Reference Number: SNC 070289

PROJECT SCOPE

GreenInfo Network proposes to increase understanding of and access to information about protected lands in the watershed of the Sierra Nevada by:
- Improving base data on protected open lands through research and inter-agency collaboration;
- Supporting public education about protected lands in watersheds by preparing a system of watershed maps available from the SNC website;
- Expanding visitor access to watershed-based protected lands information through web map browser application made available on the SNC website.

GreenInfo proposes to design and print maps to engage viewers and convey layers of information for use in meetings, research, and education. In association with the maps, they offer to partner with Google Earth in developing a simple web-based application where users can download "KML" files to see watersheds and protected lands, and then click to see details about the areas.

Steps critical to a successful project include:
- Development of a series of map files that display watersheds and protected lands at regional, sub regional, county, major watershed; and watershed scales;
- Convert files to Adobe PDFs or JPEGS and post on the SNC website for downloads to print for posters or smaller applications;
- Develop a Google Earth web browser application that provides users with information about each Sierra watershed and protected land holdings in each area (gathered from public info sources);
- Post the application on the SNC website for download by any agency or organization.

Progress reports will be submitted at six (6) months, twelve (12) months and eighteen (18) months following the approval of the agreement. Each progress report shall include but not be limited to:

- A summary of work completed during the reporting period;
- A statement of tasks or milestones and a report on the status of each, including public and agency meetings and other partnerships;
- A statement of any challenges or opportunities encountered in accomplishing the scope of work;
- An assessment of deliverables or outcomes as compared to the timeline in the Project Schedule;
- A comparison of actual versus budgeted costs to date; and
- Copies of any other relevant materials produced under the terms of this agreement.

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Project 1: Improved Protected Lands Data	
Improve Protected Lands Data	On-going
Establish Key Contacts	May, 2008
Review Data	June, 2008
Resolve Issues	July 2008
Updates and Documentation	June 2008, December 2008
Project 2: Create Educational Materials on Watersheds	
Develop Watershed Materials	April, 2008
Watershed maps/Google Earth Application	May, 2008
Watershed geo-browser	November, 2008
Project 3: Expand web-based Visitor Access to Protected Lands Information	
Develop Visitor Web Information	April, 2008
Parkinfo for Sierra	June, 2008
Watershed Explorer	June, 2008
Watershed Explorer Outreach	October, 2008
Web Mapping Review	January, 2009
Submit 6 month progress report	**October 31, 2008**
Final Report/Final Payment Request	**March, 2009**

PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Project 1: Improve Protected Lands Data:	
Contracts	$4,560
Data Review	$8,760
Resolve Issues	$6,240
Update and Publish	$5,280
Documentation	$2,180
Project 2: Public Education Materials:	
Map Series	$11,960
Google Earth Application	$7880
Project 3: Visitor Access:	
ParcInfo Sierra	$3,520
Watershed Browser	$10,120
Outreach	$4,120
Assessment	$5,240
GRAND TOTAL	**$71,860**

Letters of Support:
None

Recommendation: Staff recommends full funding of this project in the amount of $71,860.

Project Summary

Provide a summary (one-page maximum) that describes key elements of the project and states the total project cost.

Please type here:

Project Goal: Increase understanding of and access to information about protected lands in the watersheds of the Sierra Nevada

Objectives:
· Improve base data on protected open lands, through research and inter-agency collaboration
· Support public education about protected lands in watersheds by preparing system of watershed maps at all scales
· Expand visitor access to watershed-based protected lands information through web map browser application

Budget and schedule: $71,860 over one year

Fit with SN Conservancy Grants Program:

· Overall focus is on watersheds and protected lands, critical mission elements for the Conservancy
· Tourism/Recreation: creates improved web-based information to support tourism and recreation throughout region
· Protect, Conserve and Restore: technical support to enable better use of geographic information about the Sierra's watersheds and protected lands
· Improve Water and Air Quality:
· Undertake Efforts to Enhance Public Use of Public Lands: accurate protected lands data supports this mission, in terms of helping with needs assessments, public access projects and educational efforts that contribute to public use and enjoyment
· Reduce Natural Disaster Risk: Highly accurate protected lands data is important information for fire planning and operations

Other factors:

· Groups supporting this project include: the Sierra Cascade Land Trust Council, Sierra Nevada Alliance, the California Council of Land Trusts, California Department of Parks and Recreation, CERES/The Resources Agency).

· This project builds on protected lands work funded by other state agencies (Parks, Coastal Conservancy, etc.) and non-profit organizations (Resources Legacy Fund, Bay Area Open Space Council, California Council of Land Trusts, etc.) – the Sierras benefit from the prior investment of these organizations in the protected lands data set and the ParkInfo web portal